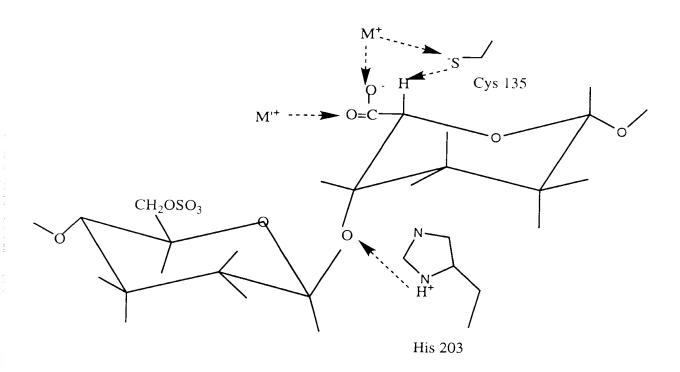
Express Mail No: EL024660382US
Date Deposit: August 27, 1999
Attor Docket No: M0656/7046



M'+: lysine or Ca++

M+: Ca++

Figure 1

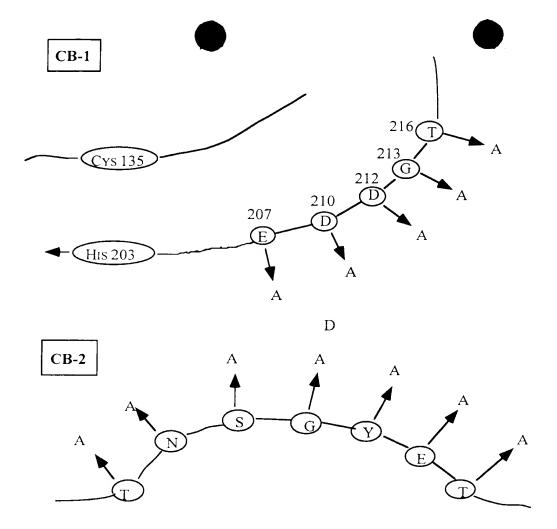


Figure 2.

 $Mutagenesis\ Studies\ of\ the\ Heparinase\ I\ Calcium\ binding\ Sites$

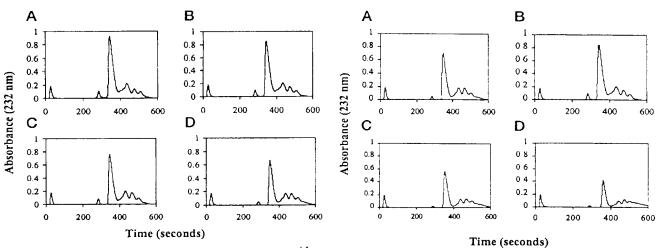


Figure 3

Figure 4